

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Lars Langemyr *et al.*

Customer No. 22204

Application No. 10/042,936

Confirmation No. 4595

Filed: January 19, 2002

Art Unit: 2123

For: A METHOD FOR ASSEMBLING THE FINITE
ELEMENT DISCRETIZATION OF
ARBITRARY WEAK EQUATIONS
INVOLVING LOCAL OR NON-LOCAL
MULTIPHYSICS COUPLINGS

Examiner: Ayal I. Sharon

**AMENDMENT AND REQUEST FOR RECONSIDERATION
(SUBMISSION WITH REQUEST FOR CONTINUED EXAMINATION)**

Mail Stop RCE (via EFS-Web)
Commissioner for Patents
Alexandria, VA 22313-1450

Dear Commissioner:

Applicants submit this Amendment and Request for Reconsideration (Submission With Request For Continued Examination) in response to the final Office action mailed on October 19, 2007. The shortened statutory period for response to the final Office action is three months from the mailing date, i.e., by January 19, 2008. The Applicant is concurrently filing a Petition for Extension of Time, extending the deadline for response to Monday, April 21, 2008, and thus, this response is timely. Please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the **Listing of Claims** that begin on page 2 of this paper; and

Remarks/Argument begin on page 17 of this paper.